

#### ABSTRACT OF THE DISCLOSURE

The plant consists of an Archimedes screw (1) in where the water arrives and into which arrive the working waste such us tomato-peel, seeds, molds and impurities that then gravitationally arrive into a cyclone (6) with water where a first separation is actuated such as the tomato-peels float and stay on the surface whereas the other waster precipitate on the bottom. Actuated the peel/water separation, through a separation filter (22) said peels arrive to a second separation filter (27), to a slanting collecting line (38) and to a compacting device (40). Then the peels arrive to a collecting tank (43) where are mixed with the juice of the tomato to arrive then, peels and juice, to a first disintegrator device (56), to a second disintegrator device (58), to a collecting tank (59) to a transferring pump (61) and at the end to a de-aerator (68) that, eliminated air, sends the product to the homogenizer (81) and at the end to a concentrator.